

TABLE 1

ANALYSIS OF CVP OPERATIONAL ALTERNATIVES
BUREAU OF RECLAMATION / WESTERN AREA POWER ADMINISTRATION
SUMMARY OF COSTS BY SCENARIO - WESTERN DELIVERIES

TEST YEAR - FISCAL YEAR

2005

CATEGORY	CALIFORNIA ISO PARTICIPANT	METERED SUBSYSTEM	WHEELING CUSTOMER	CONTROL AREA FORMATION			
				GROUP - A CUSTOMERS	GROUP - B CUSTOMERS	GROUP - C CUSTOMERS	GROUP - D CUSTOMERS
I. COST COMPONENTS:							
(A) GRID MANAGEMENT CHARGE	\$5,454,787	\$3,656,890	\$3,882,130	\$2,457,820	\$2,065,164	\$1,976,171	\$0
(B) TRANSMISSION SERVICE	\$21,068,202	\$16,631,445	\$16,631,445	\$16,631,445	\$16,631,445	\$16,631,445	\$16,631,445
(C) ANCILLARY SERVICE COSTS	\$827,061	\$827,061	\$827,061	\$686,025	\$631,081	\$504,262	\$227,741
(D) TRANSMISSION CONGESTION COSTS	\$5,532,793	\$0	\$0	\$0	\$0	\$0	\$0
(E) RELIABILITY SERVICES COSTS	\$17,466,617	\$11,260,774	\$11,260,774	\$7,291,171	\$7,291,171	\$7,291,171	\$0
(F) DEVIATION COSTS	\$1,309,148	\$0	\$844,011	\$546,484	\$546,484	\$546,484	\$0
(G) UNACCOUNTED FOR ENERGY COSTS	\$5,148,351	\$0	\$3,126,538	\$2,137,864	\$2,137,864	\$2,137,864	\$0
(H) NEUTRALITY COSTS	\$248,613	\$160,282	\$160,282	\$103,780	\$103,780	\$103,780	\$0
(I) GRID OPERATIONS CHARGE	\$87,782	\$56,593	\$56,593	\$36,643	\$36,643	\$36,643	\$0
(J) CAPITAL COSTS	\$4,126,000	\$4,817,000	\$4,126,000	\$7,931,000	\$7,931,000	\$7,931,000	\$7,931,000
(K) OPERATING EXPENSES	\$12,047,000	\$17,148,000	\$12,047,000	\$17,500,000	\$17,500,000	\$17,500,000	\$17,500,000
(L) TRANSMISSION REVENUE REQUIREMENT	\$9,565,880	\$9,565,880	\$9,565,880	\$9,565,880	\$9,565,880	\$9,565,880	\$9,565,880
TOTAL COSTS	\$82,882,235	\$64,123,926	\$62,527,715	\$64,888,112	\$64,440,512	\$64,224,700	\$51,856,067
II. BENEFIT COMPONENTS:							
(A) ANCILLARY SERVICES SALES	\$62,203,561	\$62,203,561	\$62,203,561	\$62,780,172	\$63,004,801	\$63,523,286	\$64,653,810
(B) TRANSMISSION ACCESS CHARGE PAYMENT	\$9,565,880	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL BENEFITS	\$71,769,441	\$62,203,561	\$62,203,561	\$62,780,172	\$63,004,801	\$63,523,286	\$64,653,810
NET BENEFITS/ (COSTS)	(\$11,112,794)	(\$1,920,365)	(\$324,155)	(\$2,107,940)	(\$1,435,711)	(\$701,414)	\$12,797,743
SAVINGS VERSUS CALIFORNIA ISO PARTICIPANT	\$0	\$9,192,429	\$10,788,640	\$9,004,854	\$9,677,083	\$10,411,380	\$23,910,537

TABLE 2

ANALYSIS OF CVP OPERATIONAL ALTERNATIVES
BUREAU OF RECLAMATION / WESTERN AREA POWER ADMINISTRATION
SUMMARY OF COSTS BY SCENARIO - WESTERN DELIVERIES

TEST YEAR - FISCAL YEAR

2010

CATEGORY	CALIFORNIA ISO PARTICIPANT	METERED SUBSYSTEM	WHEELING CUSTOMER	CONTROL AREA FORMATION			
				GROUP - A CUSTOMERS	GROUP - B CUSTOMERS	GROUP - C CUSTOMERS	GROUP - D CUSTOMERS
I. COST COMPONENTS:							
(A) GRID MANAGEMENT CHARGE	\$6,323,593	\$4,239,338	\$4,500,453	\$2,849,287	\$2,394,091	\$2,290,924	\$0
(B) TRANSMISSION SERVICE	\$24,423,820	\$19,280,404	\$19,280,404	\$19,280,404	\$19,280,404	\$19,280,404	\$19,280,404
(C) ANCILLARY SERVICE COSTS	\$970,857	\$970,857	\$970,857	\$805,299	\$740,803	\$591,935	\$267,337
(D) TRANSMISSION CONGESTION COSTS	\$6,414,024	\$0	\$0	\$0	\$0	\$0	\$0
(E) RELIABILITY SERVICES COSTS	\$20,248,596	\$13,054,324	\$13,054,324	\$8,452,465	\$8,452,465	\$8,452,465	\$0
(F) DEVIATION COSTS	\$1,536,761	\$0	\$990,754	\$641,497	\$641,497	\$641,497	\$0
(G) UNACCOUNTED FOR ENERGY COSTS	\$5,968,350	\$0	\$3,624,514	\$2,478,370	\$2,478,370	\$2,478,370	\$0
(H) NEUTRALITY COSTS	\$365,294	\$235,506	\$235,506	\$152,487	\$152,487	\$152,487	\$0
(I) GRID OPERATIONS CHARGE	\$106,800	\$68,854	\$68,854	\$44,582	\$44,582	\$44,582	\$0
(J) CAPITAL COSTS	\$2,826,000	\$3,517,000	\$2,826,000	\$6,001,000	\$6,001,000	\$6,001,000	\$6,001,000
(K) OPERATING EXPENSES	\$12,047,000	\$17,148,000	\$12,047,000	\$17,500,000	\$17,500,000	\$17,500,000	\$17,500,000
(L) TRANSMISSION REVENUE REQUIREMENT	\$9,565,880	\$9,565,880	\$9,565,880	\$9,565,880	\$9,565,880	\$9,565,880	\$9,565,880
TOTAL COSTS	\$90,796,975	\$68,080,162	\$67,164,545	\$67,771,271	\$67,251,579	\$66,999,543	\$52,614,621
II. BENEFIT COMPONENTS:							
(A) ANCILLARY SERVICES SALES	\$73,018,458	\$73,018,458	\$73,018,458	\$73,695,320	\$73,959,004	\$74,567,635	\$75,894,715
(B) TRANSMISSION ACCESS CHARGE PAYMENT	\$9,565,880	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL BENEFITS	\$82,584,338	\$73,018,458	\$73,018,458	\$73,695,320	\$73,959,004	\$74,567,635	\$75,894,715
NET BENEFITS/ (COSTS)	(\$8,212,637)	\$4,938,296	\$5,853,912	\$5,924,049	\$6,707,425	\$7,568,092	\$23,280,094
SAVINGS VERSUS CALIFORNIA ISO PARTICIPANT	\$0	\$13,150,933	\$14,066,550	\$14,136,686	\$14,920,062	\$15,780,729	\$31,492,731

TABLE 3

ANALYSIS OF CVP OPERATIONAL ALTERNATIVES
BUREAU OF RECLAMATION / WESTERN AREA POWER ADMINISTRATION
SUMMARY OF COST SAVINGS FOR METERED SUBSYSTEM AND FEDERAL CONTROL AREA - GROUP B
(TEST YEARS 2005 AND 2010)

CVP OPERATIONAL ALTERNATIVE	2005	2010
METERED SUBSYSTEM (MSS)	\$9,192,429	\$13,150,933
FEDERAL CONTROL AREA (FCA) - GROUP B	\$9,677,083	\$14,920,062